

Claims

1. An olefin derived copolymer satisfying following (1) and (2);

(1) tensile strength at break measured based on JIS K6251 is 2.0 or less MPa; and

(2) when blended with a polypropylene derived resin that has 20 degree C xylene soluble component of not more than 20 wt%, tensile elongation at break EB (%) of a resin compositions obtained satisfies following relational expressions (expression 1) and (expression 2).

$$R[3/5] - R[2/6] \geq 0.15 \quad \text{--- (expression 1)}$$

$$S[2/6] \geq -800 \quad \text{--- (expression 2)}$$

(where, R [3/5] and R [2/6] are obtained by the following methods: a curve is obtained by plotting tensile elongation at break EB (%) (based on JIS K6251) of the resin composition taken as vertical axis, and weight part rate Pa of a content of the olefin derived copolymers contained in the resin compositions taken as horizontal axis; a multiple regression curve in section regions of Pa = 0.30 - 0.50 and Pa = 0.20 - 0.60 (Pa represents content weight percentage of the olefin derived copolymers contained in the resin compositions) of a multiple regression expression obtained by quintic multiple regression of the curve is obtained; R [3/5] and R [2/6] are defined as multiple correlation coefficients of a primary straight line obtained by approximating of the multiple regression curve by method of

least squares; and $S [2/6]$ represents a gradient of a primary straight line (expression) obtained by approximating said multiple regression curve by a method of least squares in section region of $P_a = 0.20 - 0.60$; and in said multiple regression expression, it is indispensable that data at least seven points $P_a=0.00, 0.20, 0.30, 0.40, 0.50, 0.60$ and 0.70 are contained; furthermore, when data at points of number beyond above case are contained, it is indispensable that total P_a values exist at 0.10 or less of fixed interval mutually.)

2. A thermoplastic resin composition comprising (i) 1 - 99 weight % of thermoplastic resins, and (ii) 99 - 1 weight % of the olefin derived copolymers according to claim 1.

3. A thermoplastic resin composition comprising following (A) and (B) as indispensable constitution components;

(A) the thermoplastic resin composition according to claim 2

(B) one or more kinds of resins selected from a group of rosin derived resins, poly terpene derived resins, synthetic petroleum resins, coumarone derived resins, phenol derived resins, xylene derived resins, styrene derived resins, and isoprene derived resins.

4. Apellet comprising the thermoplastic resin composition according to Claim 2 or 3 as an indispensable component.

5. A molded body comprising the thermoplastic resin composition according to Claim 2 or 3 as indispensable component,

molded using any one molding method selected from a group of extrusion molding, variant extrusion molding, multi-color extrusion molding, covering (with core) extrusion molding, injection molding, compression molding, foamed molding, blow molding, powder molding, calender molding, kneading processing, and inflation molding.

6. A sheet or a film comprising the thermoplastic resin composition according to Claim 2 or 3.

7. A laminated material comprising at least one layer containing the thermoplastic resin composition according to Claim 2 or 3.

8. A base material sheet or a film comprising the thermoplastic resin composition according to Claim 2 or 3.

9. A tacky adhesion sheet or a film in which a pressure sensitive adhesive layer is prepared on at least one face of the base material sheet or the film according to Claim 8.